



**Supplementary Figure 1.** (A) Cultured HUVECs were treated with different concentration (1, 2, 5, 10 and 20mM) of VPA and total protein was isolated 24 hours post-treatment. Immunoblot was performed for (A) cleaved-caspase 3 and (B) β-catenin, phospho β-catenin and acetyl- histone H4 was performed. GAPDH was used as a loading control. Quantification of the ratio of phospho β-catenin/ total β-catenin (C) and total β-catenin/GAPDH (D). \*\*p<0.05 versus corresponding control group.